United Nations

FCCC/ASR/2018/TUR

Framework Convention on Climate Change

Distr.: General
4 June 2018

English only

Status report on the annual inventory of Turkey

1. This status report was prepared by the secretariat pursuant to the annex to decision 13/CP.20, as part of the initial assessment of Turkey's 2018 annual inventory, submitted in accordance with decision 24/CP.19. It reflects the content of the 2018 annual inventory as submitted by the Party (dates of submission are provided in the table on page 2).

2. In this report, the following acronyms abbreviations are used:

CRF: common reporting format
GHG: greenhouse gas
IPPU: industrial processes and product use
LULUCF: land use, land-use change and forestry
NIR: national inventory report
SBDT: sectoral background data tables
SEF: standard electronic format

Notation keys
C: confidential
IE: included elsewhere
NA: not applicable
NE: not estimated
NO: not occurring

Gases
CO_2: carbon dioxide
CH_4: methane
N_2O: nitrous oxide
HFCs: hydrofluorocarbons
PFCs: perfluorocarbons
MIX: unspecified mix of HFCs and PFCs
SF_6: sulfur hexafluoride
NF_3 nitrogen trifluoride
NOx: nitrogen oxides
CO: carbon monoxide
NMVOCs: non-methane volatile organic compounds
SO_2: sulfur dioxide

GE.18-08888(E)

1808888

Please recycle

GREENHOUSE GAS INVENTORY SUBMISSION													
General information		*Date of receipt*			*Date of resubmission*			*Comments*					
	NIR	14 April 2018			20 April 2018								
	CRF tables[a]	14 April 2018											
	Additional information[b]												
	CRF tables provided for years	1990–2016											
	Base year or period[c]	1990											
	Gases covered	CO_2	CH_4	N_2O	HFCs	PFCs	MIX	SF_6	NF_3	NO_X	CO	NMVOCs	SO_2
		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
NIR	Description	The organization of the NIR generally follows the structure outlined in the "Guidelines for the preparation of national communications by Parties included in Annex I to the Convention, Part I: UNFCCC reporting guidelines on annual greenhouse gas inventories" (annex to decision 24/CP.19).											
	Language	English											

[a] The CRF tables are contained in annex II to decision 24/CP.19.

[b] Additional information can be any information submitted by the Party in conjunction with the NIR or CRF tables.

[c] Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decision 24/CP.19.

PART I

Provision of information for the latest reported inventory year in the CRF tables: 2016

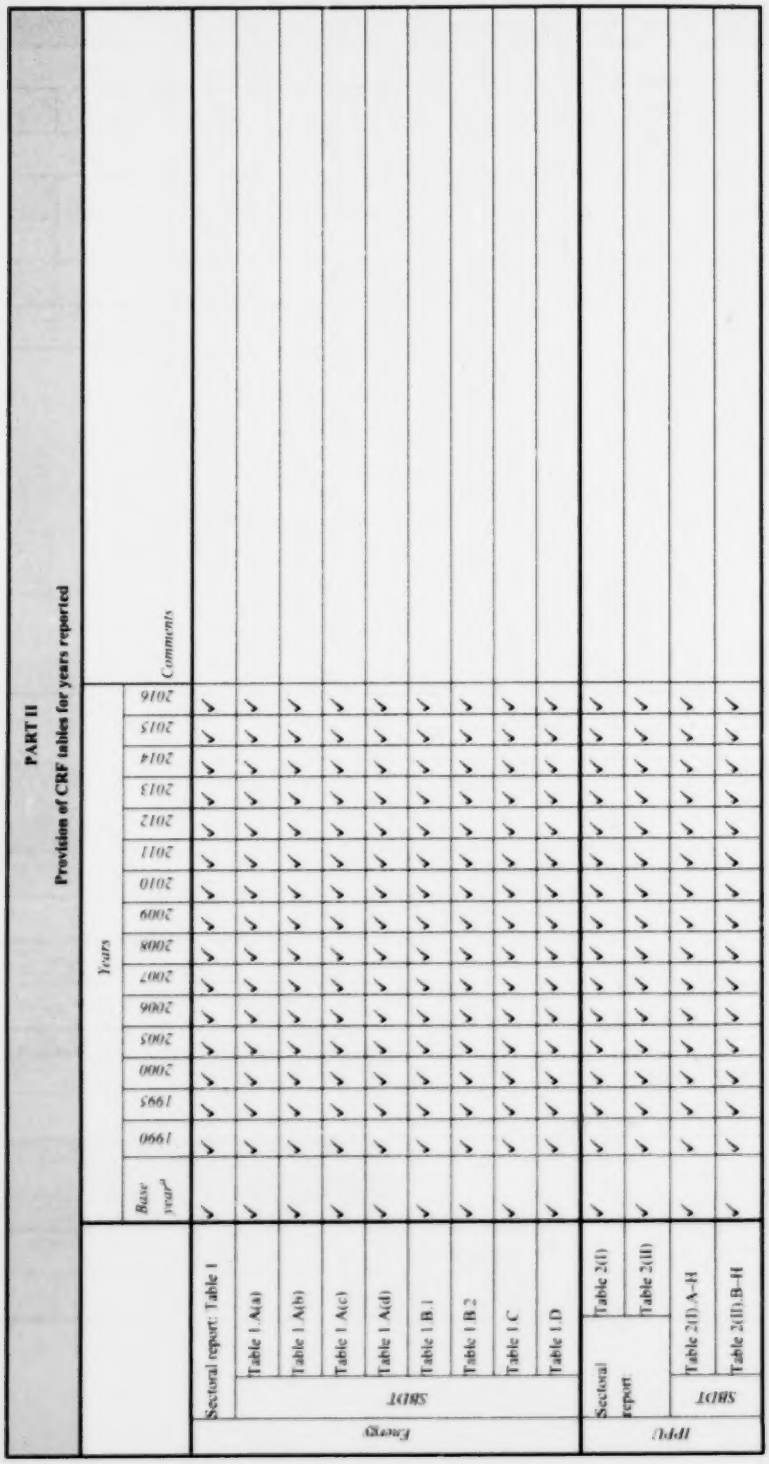
Tables		*Energy*		*IPPU*		*Agriculture*		*LULUCF*		*Waste*					
	Sectoral report tables	1	✓	2(I)	✓	3	✓	4	✓	5	✓				
				2(II)	✓			4.1	✓						
	SBDT	1.A(a)	✓	2(I).A–H	✓	3.A	✓	4.A	✓	5.A	✓				
		1.A(b)	✓	2(II).B–H	✓	3.B(a)	✓	4.B	✓	5.B	✓				
		1.A(c)	✓			3.B(b)	✓	4.C	✓	5.C	✓				
		1.A(d)	✓			3.C	✓	4.D	✓	5.D	✓				
		1.B.1	✓			3.D	✓	4.E	✓						
		1.B.2	✓			3.E	✓	4.F	✓						
		1.C	✓			3.F	✓	4(I)	✓						
		1.D	✓			3.G–I	✓	4(II)	✓						
								4(III)	✓						
								4(IV)	✓						
								4(V)	✓						
								4.G	✓						
	Summary tables	Summary table 1.A	✓	Summary table 2	✓	Summary table 3	✓								
	Other tables	Table 6 (Indirect emissions of N_2O and CO_2)	✓	Table 7 (Overview of key categories)	✓	Table 8 (Recalculation – recalculated data)									
		Table 9 (Completeness)	✓	Table 10 (Emission trends)	✓										
	Comments	Key categories are reported in the NIR and are consistent with those in CRF Table 7.													

Totals	*Provided for gases*	CO_2 ✓	CH_4 ✓	N_2O ✓	HFCs ✓	PFCs ✓	MIX ✓	SF_6 ✓	NF_3 ✓
	Provided for years	1990–2016	1990–2016	1990–2016	1990–2016	1990–2016	1990–2016	1990–2016	1990–2016

CO_2	*Comparison of CO_2 emissions from fuel combustion*	*Reference approach*	*Sectoral approach*	*Difference more than 2%*	*If difference is more than 2% explanation provided in CRF table 1.A(c)*
		✓	✓		

HFCs and PFCs	*Disaggregation by species*	HFCs	PFCs	
		✓	✓	

Notation keys	*Used in*	Summary table 1.A	✓	Sectoral report tables	✓	SBDT	✓	
	Comments							


PART II
Provision of CRF tables for years reported
Years
Base year[a]
1990
1995
2000
2005
2006
2007
2008
2009
2010
2011
2012
2013
2014
2015
2016
Comments
Energy
Sectoral report: Table 1
SBDT
Table 1.A(a)
Table 1.A(b)
Table 1.A(c)
Table 1.A(d)
Table 1.B.1
Table 1.B.2
Table 1.C
Table 1.D
IPPU
Sectoral report
Table 2(I)
Table 2(II)
SBDT
Table 2(II).A–H
Table 2(II).B–H

PART II

Provision of CRF tables for years reported (continued)

			Years															*Comments*
			Base year[a]	*1990*	*1995*	*2000*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*	*2015*	*2016*	
Agriculture	Sectoral report: Table 3		✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	
	SBDT	Table 3.A	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	
		Table 3.B(a)	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	
		Table 3.B(b)	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	
		Table 3.C	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	
		Table 3.D	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	
		Table 3.E	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	No numerical data are reported in this table for the years 1990–2016. For these years the notation key NO is used.
		Table 3.F	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	
		Table 3.G–I	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	

PART II

Provision of CRF tables for years reported (continued)

			Years															
			Base year[a]	*1990*	*1995*	*2000*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*	*2015*	*2016*	*Comments*
LULUCF	Sectoral report. Table 4		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 4.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 2012–2016. For these years the notation keys NE and NO are used.
		Table 4.E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4.G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4(I)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2016. For these years the notation keys NA and NE are used.
		Table 4(II)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2016. For these years the notation keys NE and NO are used.
		Table 4(III)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 4(IV)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	No numerical data are reported in this table for the years 1990–2016. For these years the notation key NE is used.
		Table 4(V)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II Provision of CRF tables for years reported (continued)																		
			Years															*Comments*
			Base year[a]	*1990*	*1995*	*2000*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*	*2015*	*2016*	
Waste	Sectoral report: Table 5		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	SBDT	Table 5.A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 5.B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 5.C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Table 5.D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

PART II

Provision of CRF tables for years reported (continued)

		Years																*Comments*
		Base year[a]	*1990*	*1995*	*2000*	*2005*	*2006*	*2007*	*2008*	*2009*	*2010*	*2011*	*2012*	*2013*	*2014*	*2015*	*2016*	
Summary and other tables	Summary table 1.A (Report for national GHG inventories)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Summary table 2 (CO_2 equivalent emissions)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Summary table 3 (Methods and emission factors used)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 6 (Indirect emissions of N_2O and CO_2)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 7 (Overview for key categories)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 8 (Recalculation – recalculated data)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
	Table 9 (Completeness)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Table 10 (Emission trends)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

[a] Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use a base year or period of years other than 1990 in accordance with the provisions of Article 4, paragraph 6, of the Convention and decision 24/CP.19.

PART III Provision of information relating to recalculations					
Table 8 (Recalculation – recalculated data)	✓	Comments	Explanatory information relating to recalculations is provided in chapter 10 of the NIR.		
Recalculation reported for years	1990–2015				
Recalculated sectors/gases	Energy	IPPU	Agriculture	LULUCF	Waste
CO_2	✓	✓		✓	✓
CH_4	✓	✓	✓	✓	✓
N_2O	✓	✓	✓	✓	✓
HFCs					
PFCs		✓			
Unspecified mix of HFCs and PFCs					
SF_6					
NF_3					
Percentage difference in aggregate GHG emissions	Base-year estimate:[a]	Including LULUCF:	-1.07%	Excluding LULUCF:	-1.52%
	Latest recalculated year:[b]	Including LULUCF:	-1.16%	Excluding LULUCF:	-1.08%

[a] Parties included in Annex I to the Convention undergoing the process of transition to a market economy may use base year or period of years other than 1990, in accordance with the provisions of Article 4, paragraph 6, of the Convention and decision 24/CP.19.

[b] The latest recalculated year is the submission year minus three years.